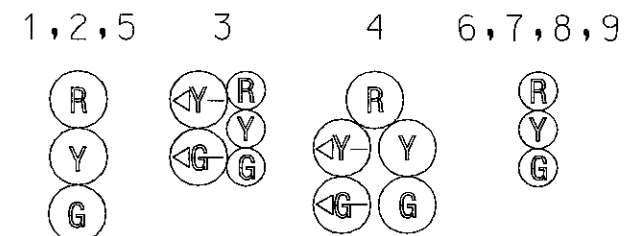


US 13 BUS. IS ASSUMED TO RUN
IN A NORTH / SOUTH DIRECTION

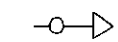
EXISTING SIGNS



EXISTING SIGNALS



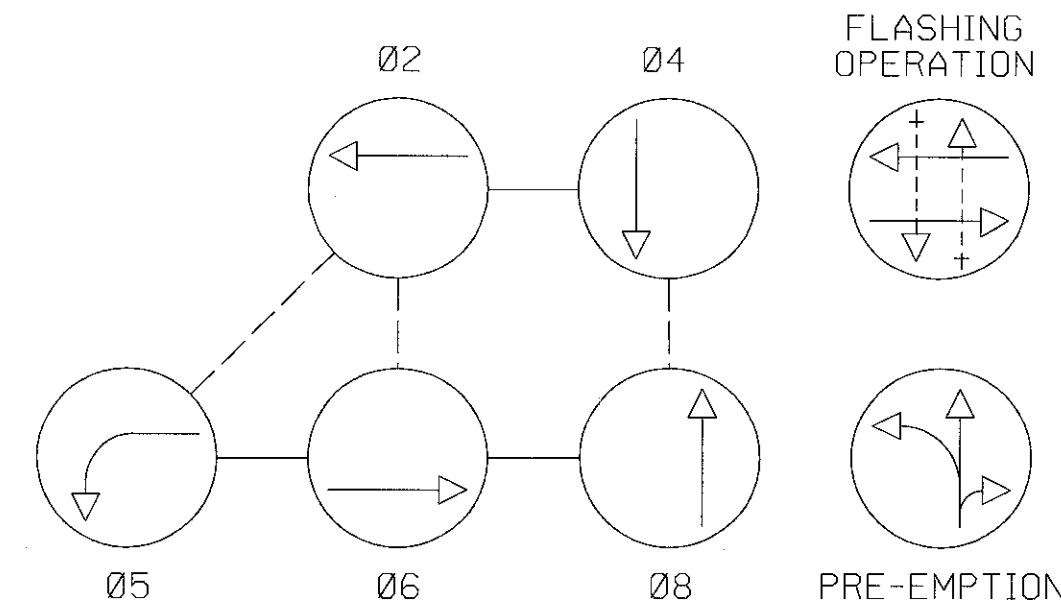
EXISTING OPTICOM
DETECTOR



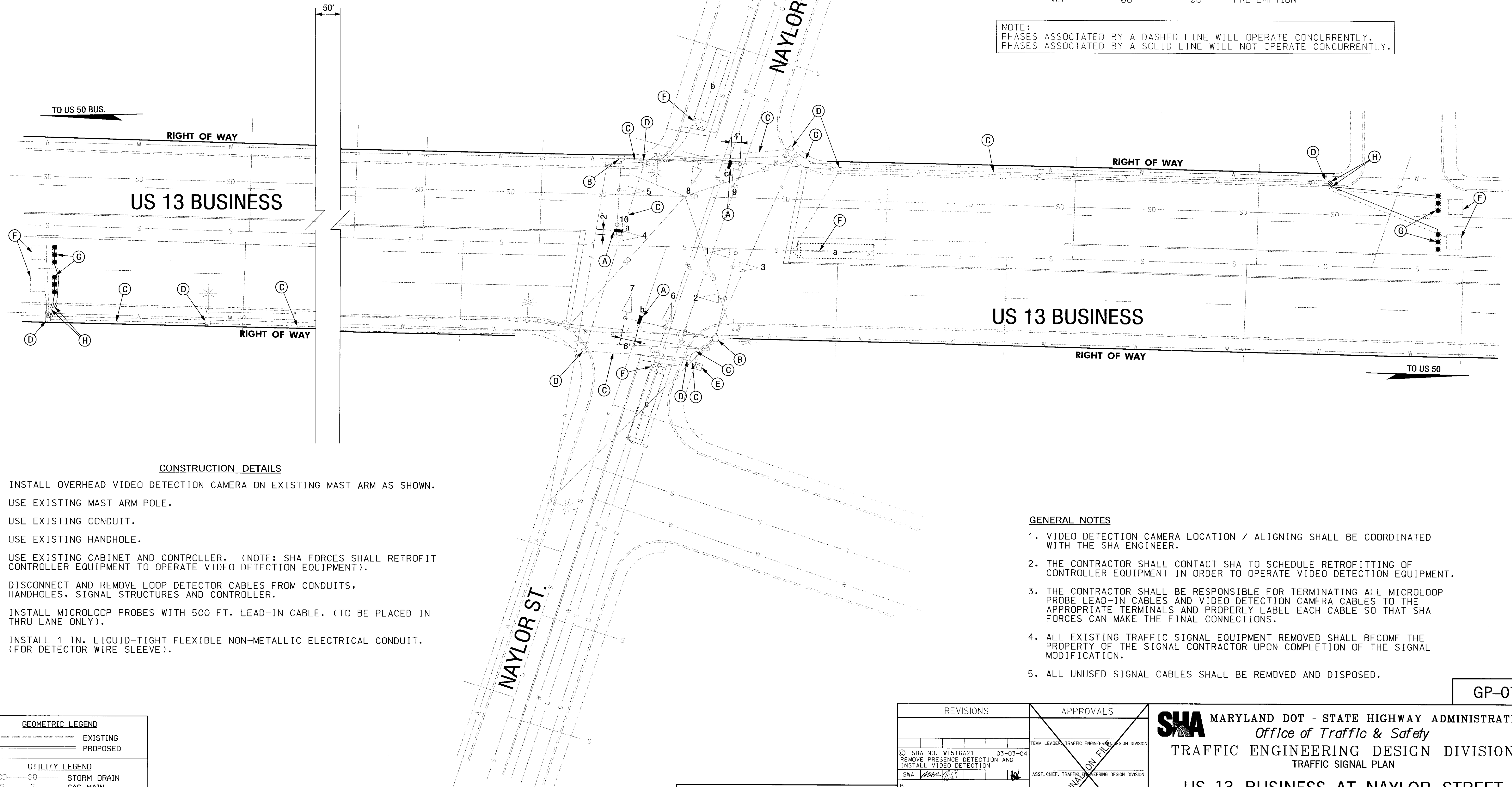
PROPOSED VIDEO
DETECTION



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- INSTALL OVERHEAD VIDEO DETECTION CAMERA ON EXISTING MAST ARM AS SHOWN.
- USE EXISTING MAST ARM POLE.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- USE EXISTING CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).
- DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- INSTALL MICROLOOP PROBES WITH 500 FT. LEAD-IN CABLE. (TO BE PLACED IN THRU LANE ONLY).
- INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE).

GENERAL NOTES

- VIDEO DETECTION CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL MICROLOOP PROBE LEAD-IN CABLES AND VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
- ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

GP-07

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD STORM DRAIN
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6884
WWW.SABRA-WANG.COM

| REVISIONS | | APPROVALS | |
|-----------------------------------------------------------------------------------------|--|--------------------------------------------------|--|
| © SHA NO. W1516A21 03-03-04 REMOVE PRESENCE DETECTION AND INSTALL VIDEO DETECTION | | TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION | |
| SWA | | ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION | |
| B PROVIDE US 13 B SB E/P LT. | | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION | |
| DJJ | | TH | |
| A REPLACE HRDWR PRE-EMPT I/C W/ OPTICOM | | DIRECTOR, OFFICE OF TRAFFIC & SAFETY | |
| SR | | | |

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

US 13 BUSINESS AT NAYLOR STREET

DRAWN BY: G. HALLAMEYER
CHECKED BY: DENNIS DODA JR.
SCALE: 1" = 20'
DATE: 02-08-84

F.A.P. NO.
S.H.A. NO.
COUNTY: WICOMICO
LOG MILE: 22B01306.25

TS NO.
1945 C
T.I.M.S. NO.
22B01306.25

SHEET NO.
OF